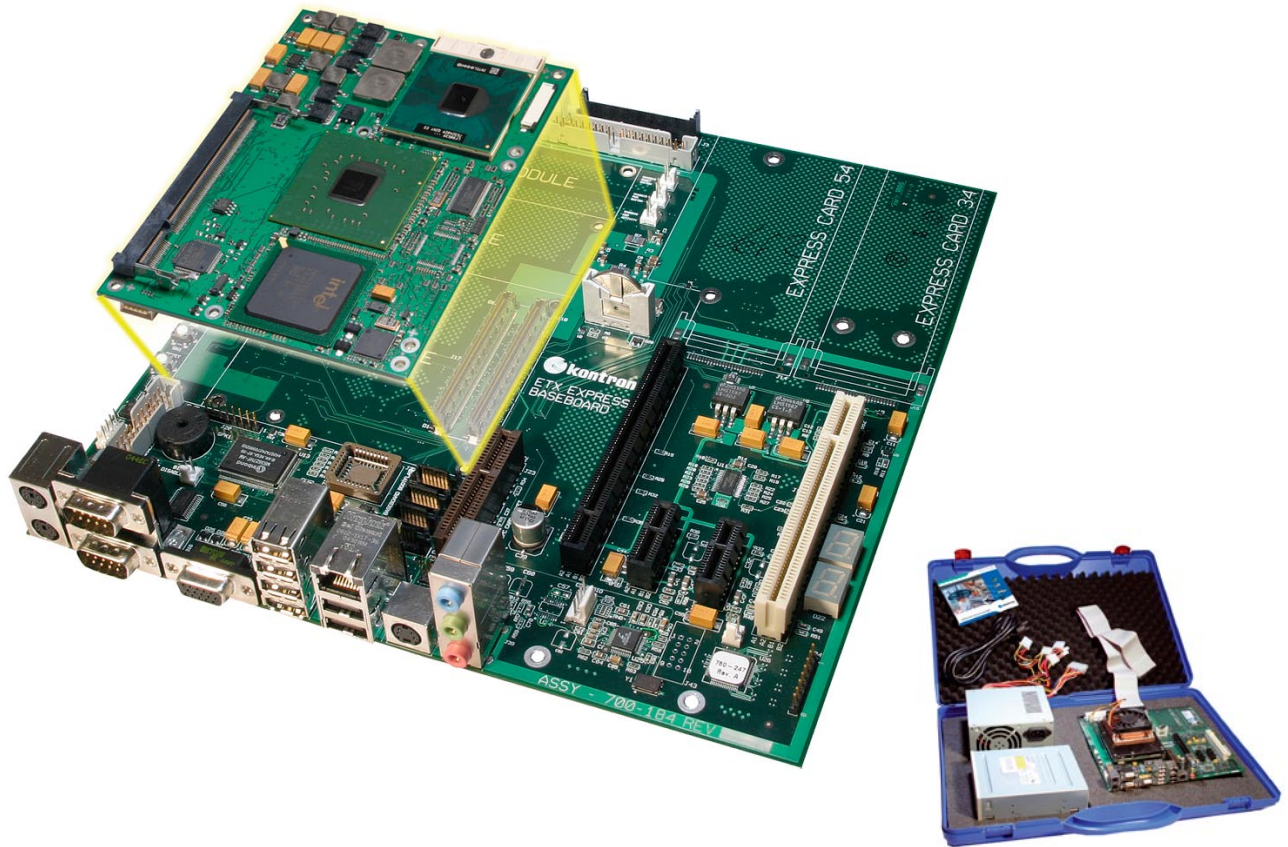


➤ ETXexpress®-Starterkit

- Choose separate ETXexpress module for the Starterkit



- Complete Kit with latest interface technologies
- Equipment for express evaluation purposes
- Includes all required hard- and software for a quick start
- Fully COMexpress™ Type 2 compliant



Product Overview

ETXexpress® is the Module concept of the new open Standard COMexpress™ (by PICMG). The ETXexpress® Starterkit is designed to give you a head start. In the Starterkit you will find an ETXexpress® Evaluation board to provide an easy connection to the ETXexpress® module, switchable (115V-/230V) power supply, ETXexpress®-PM module with the heatspreader and a DDR2 SODIMM memory module. The ETXexpress® Evaluation board is an ATX motherboard, which fulfills all user requirements. The Evalboard offers the new interfaces PCI Express x1 Lane, PCI Express Graphics 1x16 Lane and SerialATA. It also supports typical interfaces like VGA port, parallel port, serial port, PS2, Ethernet RJ45 port and two additional USB 2.0 ports.

As a special, the board offers a standardized FFC connector for LVDS panels, simple „plug and work“. The absolute highlight is the scaleable processor performance. Due to four defined high count plugs it is possible to work with different processor modules. The expensive replacement of the whole motherboard is obsolete and makes upgrading to an easy-to-deal-with passion. With this complete package you'll find all the necessary components to immediately start the evaluation process. This will lead to quicker application development, which will shorten your overall time to market. With the ETXexpress® Starterkit you are definitely. Please order separate your ETXexpress® module, Heatspreader and DDR2 SODIMM memory module.

Technical Information

ETXexpressEval
ATX form factor with PCI Express and PCI slots
PCI Express Interfaces
PCI Express Graphics 1x16 lanes
2x PCI Express x1 lane
Hard Disk Interface
2x Serial ATA, 1x IDE
VGA port
15pos. for CRT
Ethernet
Gigabit Ethernet
FFC connector
for LVDS panels
USB
6x USB 2.0 ports
Temperature
operation: -5° to 70°C, storage: -10° to 85°C

Humidity
operation: 10% to 90%, storage: 5% to 95% (non condensing)
Pin-out Type
Fully COMexpress™ Type 2 compliant
Power Supply
ATX switchable 115V-/230V
DVD Drive
Philips DVD Drive
CD-Documentation
with all necessary Starterkit informations
Additional Notes for download on:
www.kontron-emea.com/etxexpress
Mounting Kit for ETXexpress with heatspreader
Contains screws and washers to mount the heatspreader to the ETXexpress module and ETXexpress module to the Evalboard.

Ordering Information

Article	Part.-No.	Description
Universal ETXexpress® Starterkit	38100-0000-00-S	Universal ETXexpress® Starterkit without module, memory card and heatspreader
ETXexpress®-PM370 Starterkit	38100-0000-15-S	With ETXexpress®-PM 370 module, 512MB DDR2 SODIMM memory, all required hard- and software
ETXexpress®-PM745 Starterkit	38100-0000-18-S	With ETXexpress®-PM 745 module, 512MB DDR2 SODIMM memory, all required hard- and software
ETXexpress®-PM760 Starterkit	38100-0000-20-S	With ETXexpress®-PM 760 module, 1GB DDR2 SODIMM memory, all required hard- and software
ETXexpress® Eval GigE	38101-0000-00-1	BTX Evaluation Baseboard for ETXexpress® GigE modules
ETXexpress®-PM 370 socket	38001-0000-15-0	ETXexpress®-PM with Intel® Pentium® M 370 processor (1.5 GHz), socket
ETXexpress®-PM745 socket	38001-0000-18-0	ETXexpress®-PM with Intel® Pentium® M 745 processor (1.8 GHz), socket
ETXexpress®-PM760 socket	38001-0000-20-0	ETXexpress®-PM with Intel® Pentium® M 760 processor (2.0 GHz, 533 FSB), socket

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